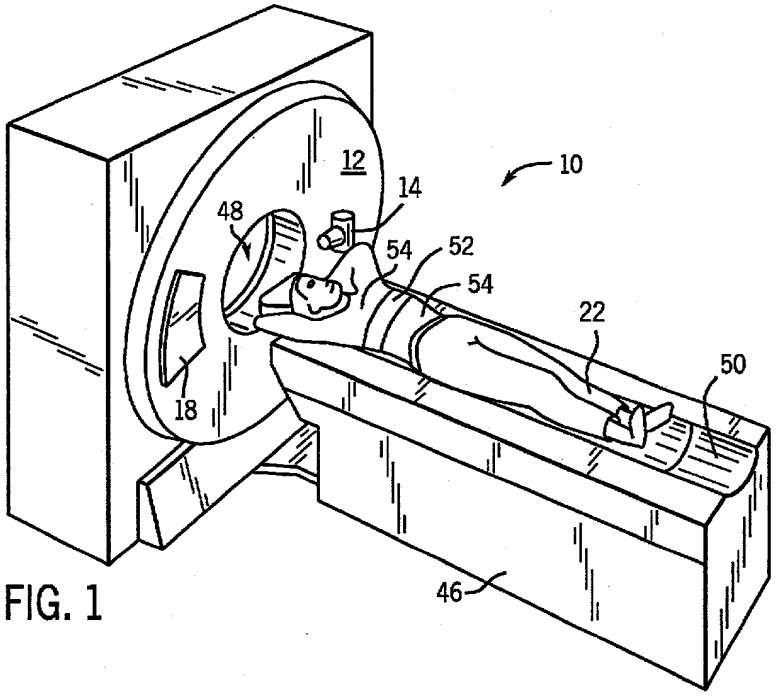
12
10
14
48
54
52
54
22
50
18
46

FIG. 1

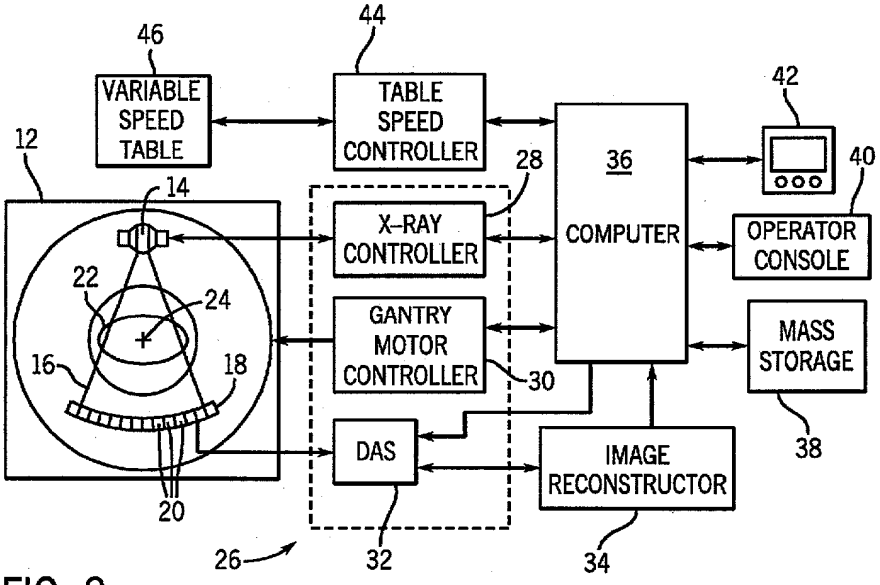
46
44
VARIABLE SPEED TABLE
TABLE SPEED CONTROLLER
42
12
14
28
36
40
X-RAY CONTROLLER
COMPUTER
OPERATOR CONSOLE
22
24
GANTRY MOTOR CONTROLLER
MASS STORAGE
16
18
30
DAS
IMAGE RECONSTRUCTOR
38
20
26
32
34

FIG. 2

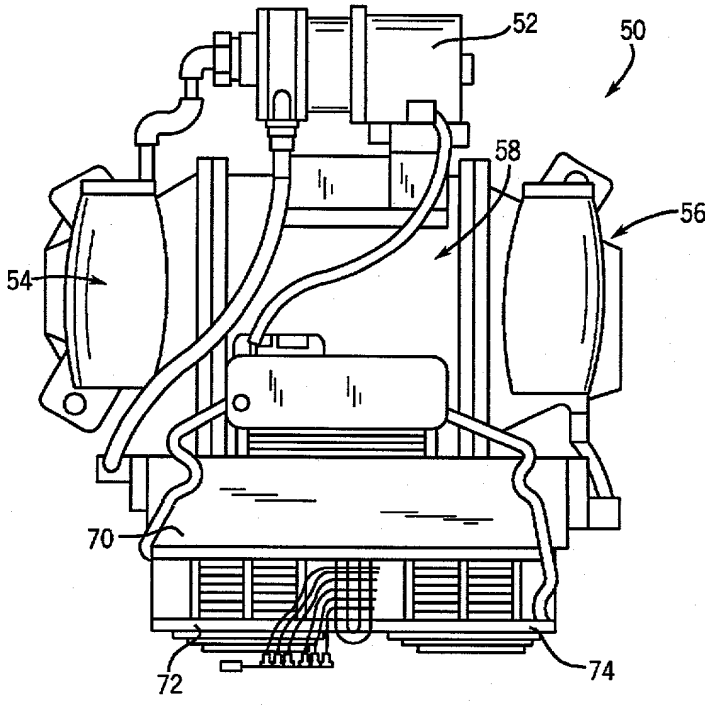

FIG. 3

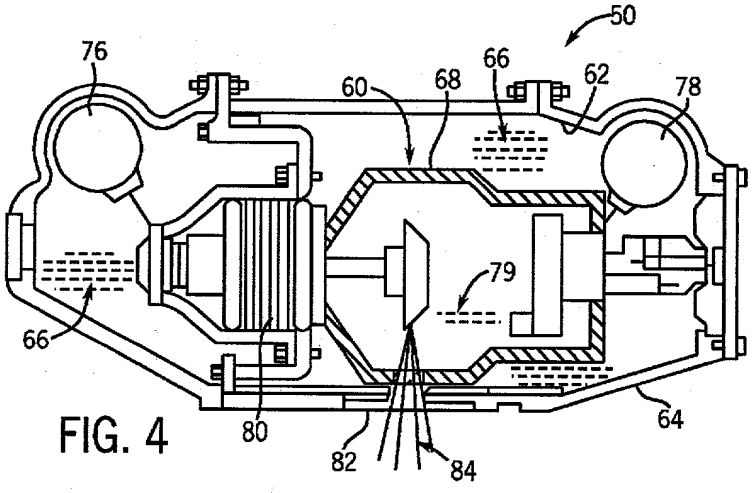

FIG. 4

PATENT APPLICATION

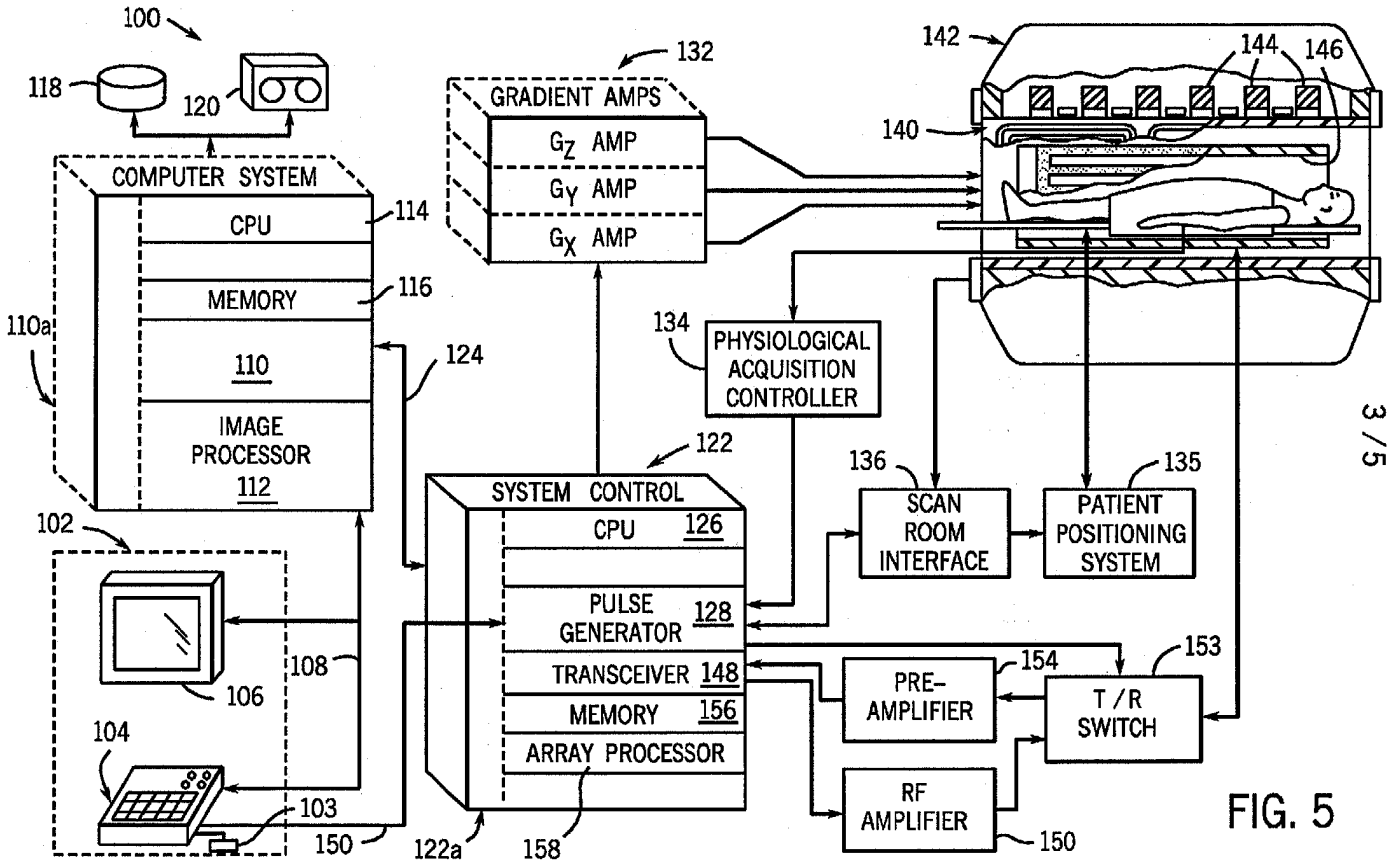

FIG. 5

3 / 5

App_ID=10063373

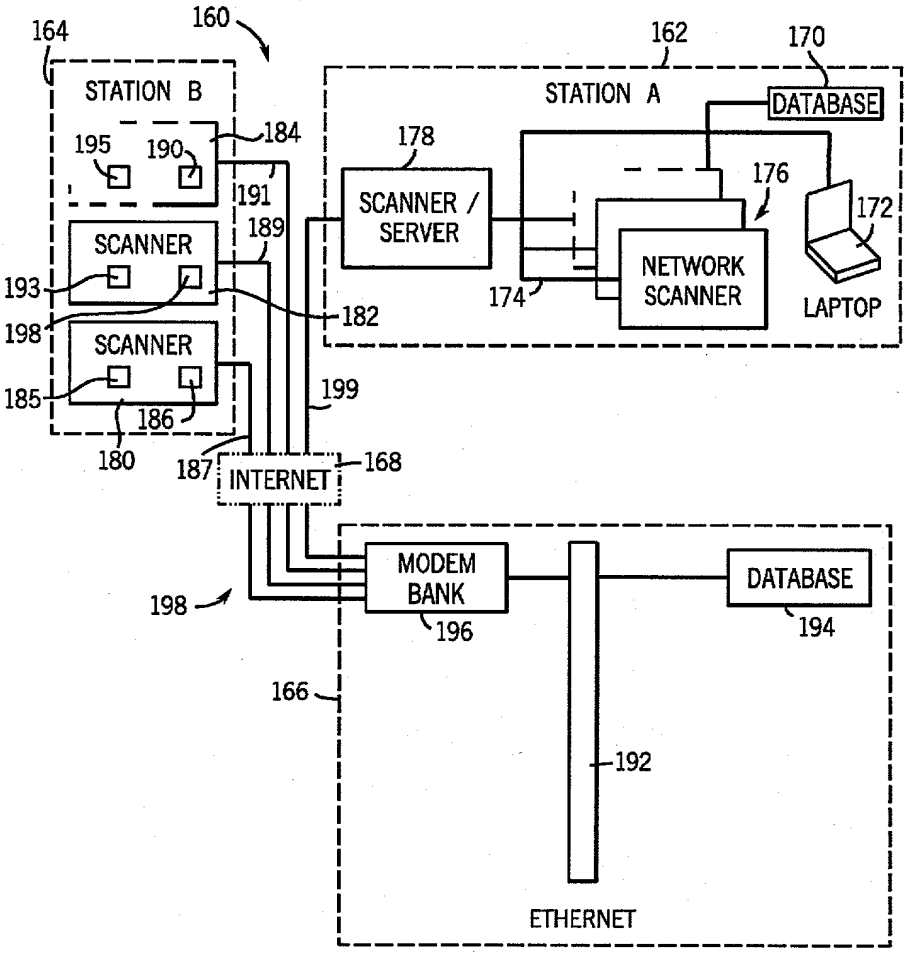
160
164
STATION B
195
190
184
191
189
SCANNER
193
198
SCANNER
185
186
180
187
INTERNET
168
199
182
162
170
STATION A
DATABASE
178
SCANNER / SERVER
176
172
174
NETWORK SCANNER
LAPTOP
198
MODEM BANK
196
DATABASE
194
166
192
ETHERNET

FIG. 6

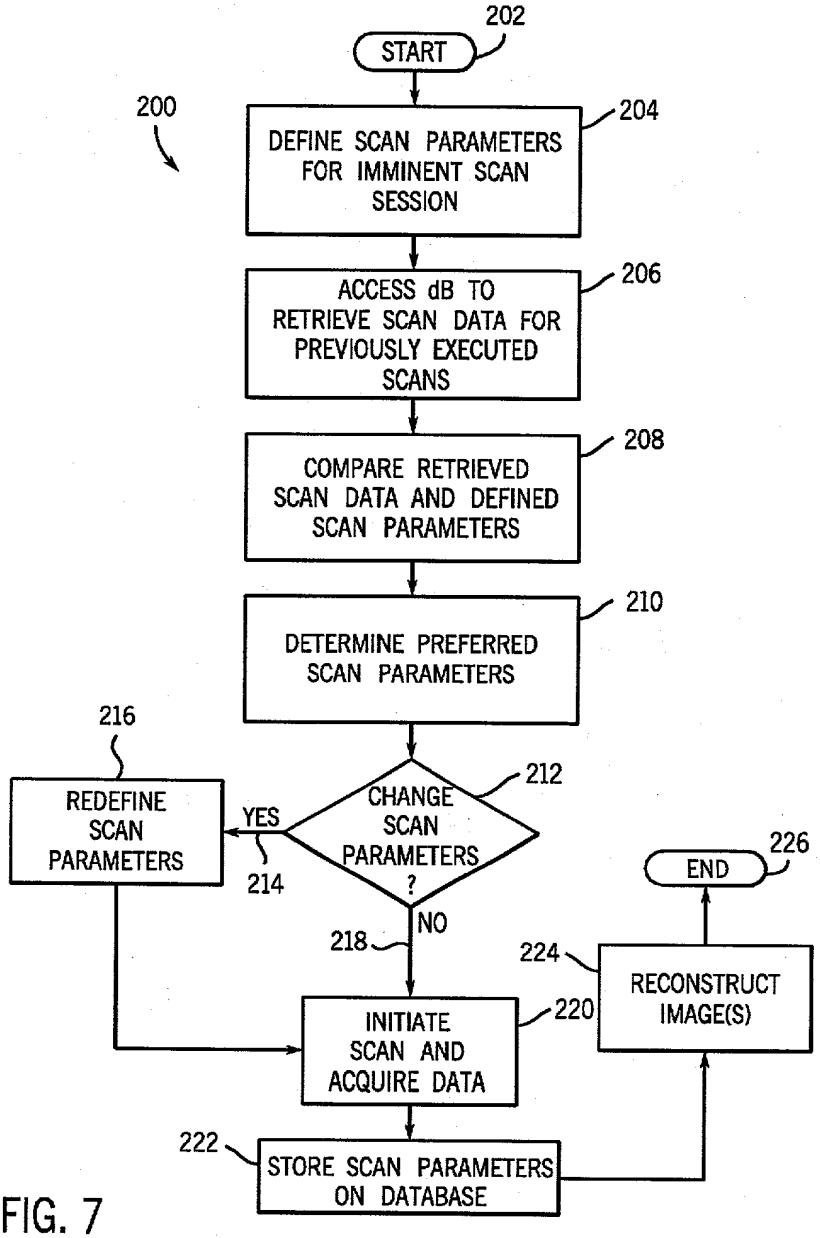
200
202
START
204
DEFINE SCAN PARAMETERS FOR IMMINENT SCAN SESSION
206
ACCESS dB TO RETRIEVE SCAN DATA FOR PREVIOUSLY EXECUTED SCANS
208
COMPARE RETRIEVED SCAN DATA AND DEFINED SCAN PARAMETERS
210
DETERMINE PREFERRED SCAN PARAMETERS
212
CHANGE SCAN PARAMETERS ?
YES
214
216
REDEFINE SCAN PARAMETERS
NO
218
INITIATE SCAN AND ACQUIRE DATA
220
222
STORE SCAN PARAMETERS ON DATABASE
224
RECONSTRUCT IMAGE(S)
226
END

FIG. 7